

Installation Instructions

Desiccant Replacement Kit

Part #ACA85337

Part #ACA85340

Part #ACA85345

Description:

Upon exiting the Ultrair Coalescing Filter, discharge air is free of oil vapor and large water droplets. The actual fine mist or moisture vapor drying then takes place as the air is directed from bottom to top in the drying chamber. The air flows through an air drying media, consisting of an activated alumina buffer bed and silica gel (desiccant) layer. Moisture is absorbed by the desiccant to later be purged from the system.

At some time the desiccant may become so saturated that it no longer removes a sufficient amount of water to keep the moisture indicator blue. Manually purging the system of moisture usually regenerates the desiccant.

In the event that the manual purge cycle does not regenerate the desiccant, this may indicate that the desiccant has become saturated in which case a desiccant replacement kit is needed.

Kit #ACA85337 Includes:

Quantity	Part Number	Description
1	RAM80100	Activated Alumina 2.3 lbs.
1	RAM80105	Silica Gel (Desiccant) 14 lbs.

Kit #ACA85340 Includes:

Quantity	Part Number	Description
1	RAM80100	Activated Alumina 2.3 lbs.
1	RAM80105	Silica Gel (Desiccant) 10 lbs.

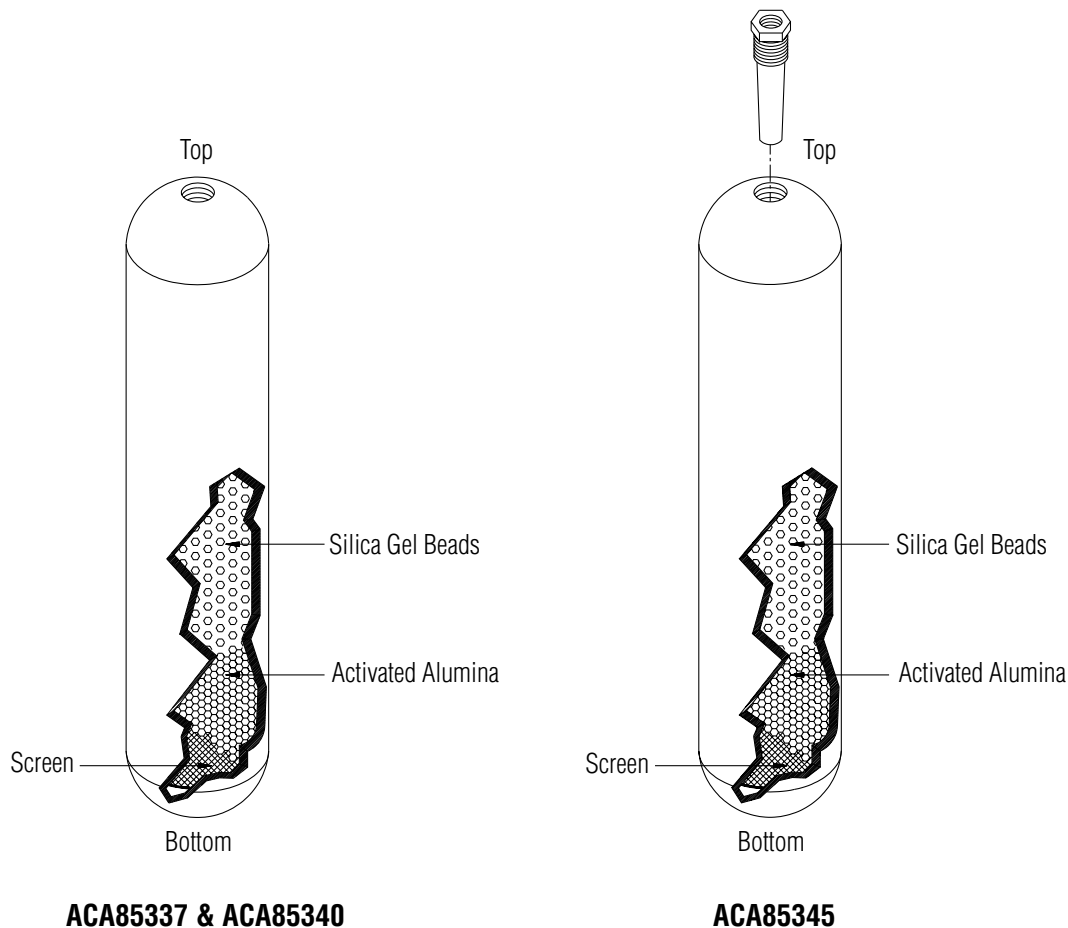
Kit #ACA85345 Includes:

Quantity	Part Number	Description
1	PFM70300	Sintered Bronze Dryer Filter
1	RAM80100	Activated Alumina 2.3 lbs.
1	RAM80105	Silica Gel (Desiccant) 14 lbs.

Warranty Information: 90 Days

All ADP accessories are thoroughly inspected and tested in accordance with rigid specifications and standards. Our accessories are guaranteed against any defective material and workmanship from the date of shipment; provided that the installation, operation, and maintenance is done in accordance with ADP procedures as outlined in our Installation and Maintenance Guides. Warranty cards must be returned to ADP within ten days of installation to effect warranty. No other warranties or guarantees, expressed or implied are made.

ADP's obligation under the warranty is to provide parts for the repair or, at its option, to provide the replacement product (excluding labor). All special, incidental and/or consequential damages are excluded. We will not issue credit for accessories without first attempting to correct the problem in the field. Written notice of breach of warranty must be given to ADP within the warranty period. The warranty does not cover damage resulting from improper installation or maintenance, accident or misuse. The warranty does not cover damage resulting from the use of cleaning, disinfecting or sterilizing chemicals and processes. The warranty does not cover vacuum failures due to hard water deposits. Failure to follow instructions provided in ADP's Installation and Maintenance Guides may void the warranty.



Installation: (Refer to the proper Drying Chamber assembly drawing)

1. Turn off the electrical supply to the compressor at the main circuit breaker.
2. Open the Storage Tank Drain Valve to release all air pressure, and then close the valve.
3. Loosen the compression nuts and separate the copper tubing from both the flow control valve at the top of the drying chamber, and the Unloader Valve at the bottom of the drying chamber.
4. Remove the four hex bolts from the drying chamber mounting bracket and remove the drying chamber.
5. Remove the flow control assembly.
6. Pour out old desiccant.
7. Pour in activated alumina base followed by the silica del (desiccant).
8. Reconnect the flow control assembly to the top of the drying chamber.
9. Reassemble the drying chamber to the compressor tank mount using the four hex bolts.
10. Tighten the compression nuts securing the copper tubing to the flow control valve assembly and the Unloader Valve.
11. Restore electrical power to the compressor.
12. Turn the compressor "ON" and test for proper pump-up and purge operation. Check for and seal any air leaks.